A SPEAKON - Loadspeaker
Application: Connection between amplifier and loadspeaker. Long wear, locking connector

B Binding Post- For Banana Plugs
Application: Commercial and Residential Speaker Connections

800-245-4964 • www.westpenn-wpw.com

SPEAKER LEVEL - OUTPUT AUDIO
SPEAKON, BANANA PLUG CONNECTORS

WEST PENN WIRE

800-245-4964
www.westpenn-wpw.com

PRODUCT INDEX:

COMMERCIAL SPEAKER

Non-Plenum Speaker & Control Cable
Two Conductor / Unshielded

Rating:
- NEC Type CMR or CL2R
- (UL)-C(UL) Listed SEE PG 252
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1666

Applications:
Indoor for:
- Intercom Systems
- Low Voltage Control
- Low Voltage Power
- Commercial Loudspeaker

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
224	2	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.156	CMR	--	GY, BK, BN, WH
225	2	16 AWG (19x29) 4.2 Ω/Mft	PVC .008	None	PVC .017	.182	CMR	--	GY, BK, BN, WH
226	2	14 AWG (19x27) 2.7 Ω/Mft	PVC .010	None	PVC .017	.230	CL2R*	--	GY, BK, BN, WH
227	2	12 AWG (19x25) 1.7 Ω/Mft	PVC .010	None	PVC .017	.260	CL2R*	--	GY, BK

Plenum Speaker & Control Cable
Two Conductor / Unshielded

Rating:
- NEC Type CMP or CL2P
- (UL)-C(UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: NFPA 262

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
25224B	2	18 AWG (7x26) 6.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.154	CMP	--	GY, BK, BN, OR, GN, WH, YE
25225B	2	16 AWG (19x29) 4.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.176	CMP	--	GY, BK, GN
25226B	2	14 AWG (19x27) 2.7 Ω/Mft	Polymer alloy .010	None	Plenum PVC .015	.218	CL2P*	--	GY, BK
25227B	2	12 AWG (19x25) 1.7 Ω/Mft	Polymer alloy .010	None	Plenum PVC .015	.256	CL2P*	--	GY, BK

CL2R(P)* - UL Listed Only

Non-Plenum Speaker & Control Cable
Four Conductor / *Unshielded*

Applications:

Indoor for:
- Intercom Systems
- Low Voltage Control
- Low Voltage Power
- Commercial Loudspeaker

Rating:

- NEC Type CMR or CL2R
- (UL)-C(UL) Listed SEE PG 252
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1666

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
244	4	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.183	CMR	--	Gray
245	4	16 AWG (19x29) 4.2 Ω/Mft	PVC .009	None	PVC .017	.217	CMR	--	Gray
246	4	14 AWG (19x27) 2.7 Ω/Mft	PVC .010	None	PVC .017	.278	CL2R*	--	Gray
248	4	12 AWG (19x25) 1.7 Ω/Mft	PVC .010	None	PVC .017	.320	CL2R*	--	Gray

Plenum Speaker & Control Cable
Four Conductor / *Unshielded*

Rating:

- NEC Type CMP or CL2P
- (UL)-C(UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: NFPA 262

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
25244B	4	18 AWG (7x26) 6.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.180	CMP	--	Gray
25245B	4	16 AWG (19x29) 4.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.208	CMP	--	Gray
25246B	4	14 AWG (19x27) 2.7 Ω/Mft	Polymer alloy .010	None	Plenum PVC .015	.260	CL2P*	--	Gray
25248B	4	12 AWG (19x25) 1.7 Ω/Mft	Polymer alloy .010	None	Plenum PVC .015	.304	CL2P*	--	Gray

CL2R(P)* - UL Listed Only

Aquaseal® Water Blocking Cable
1 Pair / Unshielded

Description:
- ASTM Bare Copper • PVC Insulation • Short overall twist construction • Unshielded • Waterblocked Construction
- Overall Sunlight/ Moisture Resistant PVC Jacket

Rating:
- NEC Type CM / CL3/ FPL
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685

Applications:
Indoor/Outdoor Use:
- Intercom Systems
- Security Systems
- Sound and Audio
- Background Music
- Power-limited Control Circuits
- Speaker Level

Underground- In-Conduit

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding % Cov. Drain Wire	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
AQC224	1 Pair	18 AWG (7x26) 6.2Ω/Mft	PVC .010	None	PVC .025	.218	CM CL3/FPL	30pf/ft	Gray
AQC225	1 Pair	16 AWG (19x29) 4.2Ω/Mft	PVC .010	None	PVC .025	.242	CM CL3/FPL	35pf/ft	Gray

Special Notes:
- Aquaseal Water Resistant Cables is a Registered Trademark of West Penn Wire
- Select Items are Packaged in our Advantage Box
- Orange ripcord under jacket

Color Code	
All Cables	1. Black, 2. Red
	JACKET: Gray

Aquaseal® Water Blocking Cable
Multi-Conductor/ *300 Volts Power-Limited*

Applications:

Indoor/Outdoor Use:
- Low Voltage Industrial Process Control
- Power-Limited Circuits
- Power-Limited Fire Alarm Circuits
- Power-Limited Tray Cable PLTC
- Speaker Level

Underground - Direct Burial

Description:
- ASTM Bare Copper • PVC insulation with nylon • Twisted pair or cabled construction • Waterblocked Construction • Overall Sunlight/ Moisture Resistant PVC jacket

Rating:
- NEC Type FPL or PLTC or CL3
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Direct Burial
- Flame Rating: UL1685

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
AQ224	1 Pair	18 AWG (7x26) 6.2 Ω/Mft	PVC .015 Nylon .005	None	.035	.270	CL3/FPL PLTC	25 pf/ft*	Black
AQ244	4	18 AWG (7x26) 6.2 Ω/Mft	PVC .015 Nylon .005	None	.040	.327	CL3/FPL PLTC	25 pf/ft*	Black
AQ225	1 Pair	16 AWG (7x24) 4.2 Ω/Mft	PVC .015 Nylon .005	None	.040	.295	CL3/FPL PLTC	28 pf/ft*	Black
AQ245	4	16 AWG (7x24) 4.2 Ω/Mft	PVC .015 Nylon .005	None	.040	.355	CL3/FPL PLTC	28 pf/ft*	Black
AQ226	1 Pair	14 AWG (19x27) 2.7 Ω/Mft	PVC .015 Nylon .005	None	.040	.310	CL3/FPL PLTC	32 pf/ft*	Black
AQ246	4	14 AWG (19x27) 2.7 Ω/Mft	PVC .015 Nylon .005	None	.040	.395	CL3/FPL PLTC	32 pf/ft*	Black
AQ227	1 Pair	12 AWG (19x25) 1.7 Ω/Mft	PVC .015 Nylon .005	None	.040	.340	CL3/FPL PLTC	36 pf/ft*	Black

* Capacitance between conductors.

Color Code	
All Cables	1. Black,2. Red, 3. Brown, 4. Blue
	JACKET: Black

Special Notes:
- Aquaseal Water Resistant Cables is a Registered Trademark of West Penn Wire
- Orange ripcord under jacket

Home Speaker Cable
Two Conductor / Unshielded

Description:
- ASTM Bare Copper • PVC insulation • Short overall twist lengths
- Overall PVC jacket

Applications:
Indoor for:
- Intercom Systems
- Low Voltage Control
- Home Speaker
- Commercial Loadspeaker

Rating:
- NEC Type CL2
- (UL) Listed
- Flame Rating: UL1685

More Flexible

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
HA225	2	16 AWG (65x34) BC 4.02 Ω/Mft	PVC .015	None	PVC .025	.199	CM	--	White, Blue & Black
HA226	2	14 AWG (65x32) BC 2.58 Ω/Mft	PVC .015	None	PVC .025	.250	CL3	--	White, Black
HA227	2	12 AWG (65x30) BC 1.7 Ω/Mft	PVC .015	None	PVC .025	.280	CL3	--	White, Black
HA210	2	10 AWG (65x28) BC 1.1 Ω/Mft	PVC .012	None	PVC .020	.280	CL2	--	Gray

Home Speaker Cable
Four Conductor / Unshielded

Applications:
Indoor for:
- Home Entertainment
- Sound and Audio
- Background Music
- Power-limited Control Circuits

Description:
- ASTM Bare Copper • PVC insulation • Cabled Construction
- Overall PVC jacket

Rating:
- NEC Type CL2
- (UL) Listed
- Flame Rating: UL1685

More Flexible

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
HA245	4	16 AWG (65x34) BC 4.02 Ω/Mft	PVC .015	None	PVC .025	.242	CM	--	White
HA246	4	14 AWG (65x32) BC 2.58 Ω/Mft	PVC .015	None	PVC .025	.307	CL3	--	White

Communication & Control Cable
18 AWG Multiple Pair/ *Unshielded*
featuring the *PERFECT PAIR* ®

Applications:

Indoor for:

• Low Voltage Control
• Multi-Speaker
• Audio Systems

Description:

• ASTM Bare Copper • PVC insulation • Short overall twist construction • Overall PVC jacket

Rating:

• NEC Type CMR
• (UL) C(UL) Listed
• Meets 300V requirements as specified in the NEC
• Flame Rating: UL1666

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
751	2	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.257	CMR	32 pf/ft*	Gray
752	3	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.275	CMR	32 pf/ft*	Gray
753	4	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.310	CMR	32 pf/ft*	Gray

Special Notes:

• Cables are packaged in our Advantage Box.
• Orange Rip Cord

* Capacitance between conductors.

Plenum Communication & Control Cable
Multiple Pair/ *Unshielded*
18 AWG Plenecon II ® Extra Flexible

Description:

• ASTM Bare Copper • Polymer alloy insulation • Twisted pair construction • Overall plenum PVC jacket

Rating:

• NEC Type CMP

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
25751B	2	18 AWG (7x26) 6.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.253	CMP	--	Gray
25752B	3	18 AWG (7x26) 6.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.275	CMP	--	Gray
25753B	4	18 AWG (7x26) 6.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.304	CMP	--	Gray

Special Notes:

• Plenum Installation Precautions see Technical Reference Section Page 196
• Cables are packaged in our Advantage Box.

LARGE AWG SPEAKER

Description:
• ASTM Bare Copper • PVC insulation with Nylon • Twisted pair construction • Overall PVC Sunlight Resistant jacket

Rating:
• NEC Type TC
• (UL) Listed
• Meets 600 Volt - Class 1
• Approved for direct burial and outdoor use

Applications:
Indoor/ Outdoor for:
• Sound and Audio
• Cluster Speaker
• Long Distant Speaker

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
C210	1	10 AWG (65x28) 1.10 Ω/Mft	PVC .020 Nylon .005	None	.047	.357	Tray Cable TC	--	Gray
C208	1	8 AWG (65x26) .70Ω/Mft	PVC .032 Nylon .006	None	.062	.498	Tray Cable TC	--	Gray

Speaker Cable Accessories: Pages 137-138	Color Code	
	C210	1. Black, 2. White
	C208	JACKET: Gray

Description:
• ASTM Bare Copper • (HA210), - Polyolefin, (25210)- Polymer Alloy • Twisted Pair Construction • Overall Jacket

Ratings:
• HA210 - NEC Type CL2
• 25210- NEC Type CL2P
• (UL) Listed

Applications:
Indoor for:
• Sound and Audio
• Power-Limited Control Cable

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
HA210	1	10 AWG (65x28) 1.10 Ω/Mft	.012	None	PVC .025	.275	CL2	--	Gray
25210	1	10 AWG (65x28) 1.10 Ω/Mft	.012	None	Plenum PVC .015	.275	CL2P	--	Ivory

Color Code	
	1. Black, 2. White
Color Code	HA210 JACKET: Gray 25210 JACKET: Ivory

Communication & Control Cable
Cluster Speaker Cable / *Twisted Pair Unjacketed*

Applications:

Indoor for:
- Cluster Speaker Cable
- Power-Limited Circuit Applications
- Sound and Audio
- Background Music

**Speaker Cable Accessories:
Pages 10-11**

Description:

• ASTM Bare Copper • PVC Insulation with Nylon • Short overall twist Construction • Unjacketed

Rating:

- NEC Type CL2
- (UL) Listed
- Flame Rating: UL1685

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
C205	1	16 AWG (19x29) 4.2 Ω/Mft	PVC .015 Nylon .005	None	None	.194	CL2	--	Unjacketed
C206	1	14 AWG (41x30) 2.7 Ω/Mft	PVC .015 Nylon .005	None	None	.222	CL2	--	Unjacketed
C207	1	12 AWG (65x30) 1.7 Ω/Mft	PVC .015 Nylon .005	None	None	.260	CL2	--	Unjacketed

Color Code	
All Cables	1. Black, 2. White
	JACKET: Unjacketed

Keypad with Volume Controls

Rating:
- NEC Type CM
- (UL) Listed
- Flame Rating: UL1685

Description:
- ASTM Bare Copper • PVC Insulation • Composite cable construction • 4 Pair 24 Awg. Category 5E cable + 4 conductor 16 AWG • Overall Blue PVC jacket

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
HA1624	4 Cond.	16 AWG (65x34)	.015	None	PVC .020	.385	CM	--	Blue
	4 Pair	24 AWG Solid	.008	None				14 pf/ft*	

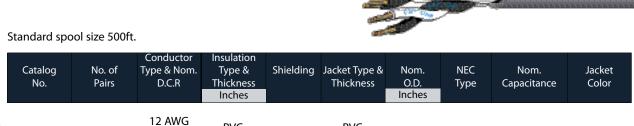| Color Code	
4 Cond.	1. Black, 2. Red, 3. White, 4. Green
4 Pair	1. Blue/ White-Blue, 2. Orange/ White-Orange, 3.Green/ White-Green, 4. Brown/ White-Brown

Communication & Control Cable
High Paired Speaker Cable

Standard spool size 500ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
WP128P	8	12 AWG (19x25) 1.7 Ω/Mft	PVC .015"	None	PVC .050"	.825"	CL2R	--	Gray

Speaker Level Audio Connectors Cable Mount

Banana and Binding Post Connectors	
Catalog No.	Description
19-1239	Banana Red
19-1240	Banana Black
CN-MDP8	Banana Plug (8 Awg.) Double
CN-BPX-24B	Binding Post with Red,Black

CN-BPX-24B

19-1239

Speakon Cable Mt. Female SPX	
Catalog No.	Description
CN-NL4FX	4 Pole, SPX Gray
CN-NL4FX2	4 Pole, SPX Red
CN-NL4FX4	4 Pole, SPX Yellow
CN-NL4FX5	4 Pole, SPX Green
CN-NL4FX9	4 Pole, SPX White

Speakon Audio Adapter	
Catalog No.	Description
CN-NL4MMX	4 Pole Male to Male Adapter

Speakon Cable Mt. Female Standard	
Catalog No.	Description
CN-NL4FC	4 Pole, Standard

CN-NL2FC

CN-NL4FX5

CN-NL4MMX

Speaker Level Audio Connectors Panel Mount

Panel Mount Connectors	
Catalog No.	Description
CN-NL4MPST	Speakon Panel Mt. 4 Pole- D-size Screw terminal
CN-NL4MP	Speakon Panel Mt. 4 Pole - Solder

CN-NL4MPST

Speaker Level Audio Assemblies

Speakon to Speakon Assemblies	
Catalog No.	Description
CN-SS16-xx	16Awg. Replace xx with: 6,10,25,50 ft.
CN-SS14-xx	14Awg. Replace xx with: 6,10,25,50 ft.
CN-SS12-xx	12Awg. Replace xx with: 6,10,25,50 ft.

Speakon to Banana Plug Assemblies	
Catalog No.	Description
CN-SB16-xx	16Awg. Replace xx with: 6,10,25,50 ft.
CN-SB14-xx	14Awg. Replace xx with: 6,10,25,50 ft.
CN-SB12-xx	12Awg. Replace xx with: 6,10,25,50 ft.

Speaker Panels - Metal Black
4 Pole Speakon 19" Panels

1 RU- 4 Pole Rack Panels - 12 or 16 Speakon	
CN-1RUSPK12TB	1 RU - 12 Speakon Terminal Block Panel
CN-1RUSPK16TB	1 RU - 16 Speakon Terminal Block Panel
CN-1RUSPK12	1 RU - 12 Speakon Solder Panel
CN-1RUSPK16	1 RU - 16 Speakon Solder Panel

Speaker Level Wall Plates

Speakon Audio Wall Plates	
CN-SS1GSPK	Single Plate- Two 4 Pin Speakon- Stainless
CN-SS2GSPK	Dual Plate- Four 4 Pin Speakon- Stainless